Insurance Management System

Project Description:

Online Insurance is a web application which is used to tracking the details about the insurance policy, customer details and company details. This project is useful for any kind of insurance company to manage the insurance details, to sanction the insurance for customer, process the insurance policy details and all kind of insurance process through online.

In this online process the user enter into the website it will show details about insurance and its types, also it will show the details about different duration schemes to the corresponding insurance type or insurance policy. In this process contains the user registration form which is used to apply for insurance policy through online. It also helps the customer to view their own insurance status information.

If the user registered insurance policy to this website, it will process that registration form by verification and immediately give the temporary policy holder ID to the user. After submission of registration form the admin will process to verify that particular details registered by the customer and sanctioned the insurance policy. Then the admin send the permanent policy holder ID and password to the customer and also send status information about insurance policy to the corresponding policy holder.

If the policy holder wants to view the information about their own policy details, he/she login to policy status page by using the policy holder ID and password had already given by insurance company and view their own details and also they give feedback to the insurance company.

Existing System:

The existing system is the manual system. The manual system is prone to error. It is time consuming. It is very difficult for a person to produce the report. There are chances for changing the scheme report and do malpractice. This system involves a lot of manual entries with the applications to perform the desired task. Usage of papers in the payment process leads to less efficiency, less accuracy and less productivity.
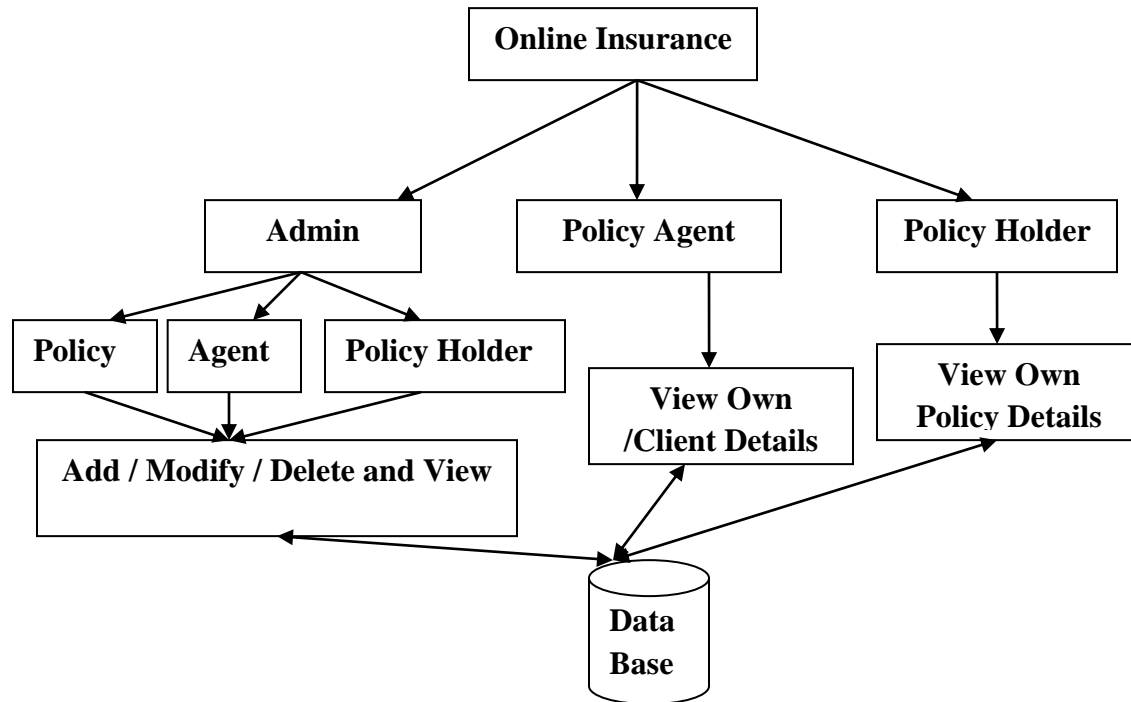
- Increasing expenditure for papers shuffling and storage.

- Increasing labors and hence errors.

- Less control of Amounts.

- Time delay between the payment and its receipt.

- Persons who are present in different part of the world cannot transact efficiently.

Proposed System:

The proposed system is designed to eliminate the drawbacks of the existing system. It is designed by keeping to eliminate the drawbacks of the present system in order to provide a permanent solution to the problems. The primary aim of the new system is to speedup transactions. The report is prepared for the schemes and implemented by the concerned officials.

Since the advent of Online Insurance services in the Middle Ages Policy Agents and policy Holder have used paper-based instrument to move money between Insurance transactions. It comes as no surprise to one that when everything is being converted to computerize. Already the business has to global with the coming of Internet. Now, no more the individual aims at the local market is also just a click of button away. Dozens of companies are in the race to convince auction and bidding that a pot of Policy's awaits those who conduct their business on the Internet. In this fast race of business and moneymaking, no country, no company and no individual want to fall back. Everyone wants to lead the group. Hence, everyone is trying to make the best use of Internet.

Data Flow Diagram:

```
                    ┌──────────────────────┐
                    │   Online Insurance    │
                    └──────────────────────┘
              ┌──────────────┼──────────────┐
              ▼              ▼              ▼
      ┌──────────────┐ ┌──────────────┐ ┌──────────────┐
      │    Admin      │ │ Policy Agent  │ │ Policy Holder │
      └──────────────┘ └──────────────┘ └──────────────┘
        │     │     │          │                 │
        ▼     ▼     ▼          ▼                 ▼
  ┌────────┐┌──────┐┌──────────────┐  ┌──────────────┐ ┌──────────────┐
  │ Policy ││Agent ││ Policy Holder │  │  View Own     │ │  View Own     │
  └────────┘└──────┘└──────────────┘  │ /Client Details│ │ Policy Details │
        │      │        │             └──────────────┘ └──────────────┘
        ▼      ▼        ▼
  ┌──────────────────────────────┐
  │ Add / Modify / Delete and View│
  └──────────────────────────────┘
                    ┌──────────┐
                    │  Data     │
                    │  Base     │
                    └──────────┘
```

Modules:

- ➢ Agent Registration form
- ➢ Policy Holder Registration form
- ➢ Admin form
- ➢ Agent Form
- ➢ Policy Holder Form

Agent Registration form:

New Agent gives their information like, Name, password, Ac no, bank, working details, age, sex, address, e-mail id, phone.

Policy Holder Registration form:

New Policy Holder gives their information like, Name, password, Organization, Occupation, age, sex, address, e-mail id, phone.

Admin form:

Admin have provision to view all Agent, Policy, and Policy Holder information. First Admin enter their name and Id then only they can access. And also admin have the provision to view, Modify, Delete and insert the Policy, Policy Holder, and Agent.

Agent Form:

This module is used for agent to view all details about their policy holder/clients and also view their own personal details.
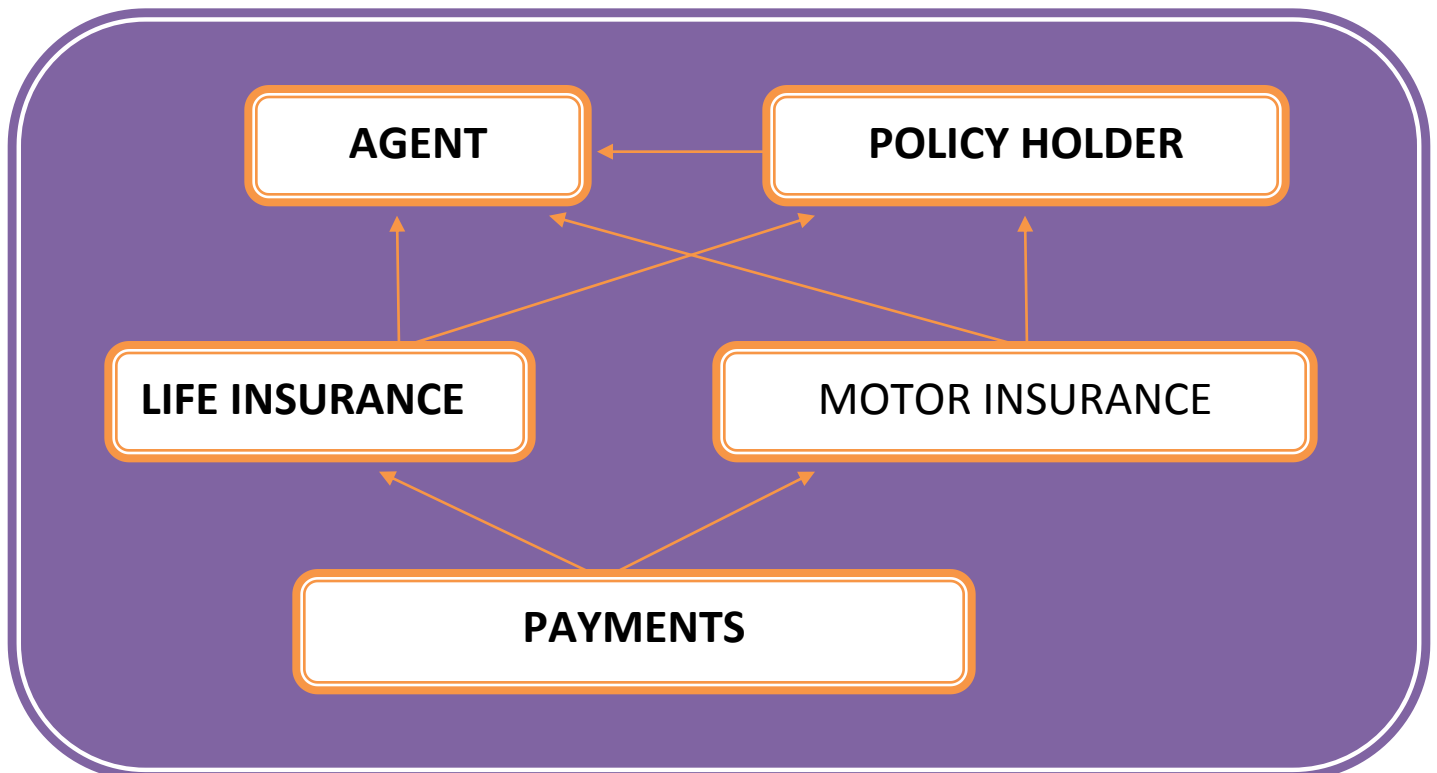
Policy Holder Form:

This module is used to Policy Holders. They can view their own personal details when login into the Policy Holder module.

Objects:

1. Agent
2. Policy Holder
3. Life Insurance
4. Motor Insurance
5. Payments

Flow Diagram

Note: A ←——B

A is Parent Object , B is Child Object

Agent Object & Fields

FIELD NAME	DATATYPE	PICKLIST VALUES	MANDATORY	REMARKS
Name	Text		Yes	
Agent ID	AutoNumber			AGID-{0001}
DOB	Date			
Gender	Picklist	Male/Female		
Phone	Phone		Yes	
Email	Email		Yes	
Reg. Date	Date			
Address	Text Area			

Policy Holder Object & Fields

FIELD NAME	DATATYPE	PICKLIST VALUES	MANDATORY	REMARKS
Name	Text		Yes	
PH ID	AutoNumber			PHID-{0001}
DOB	Date			
Gender	Picklist	Male/Female		
Phone	Phone		Yes	
Email	Email		Yes	
Occupation	Text			
Income	Currency			Per Annum
Address	Text Area			

Life Insurance Object & Fields

FIELD NAME	DATATYPE	PICKLIST VALUES	MANDATORY	REMARKS
Policy ID	AutoNumber		Yes	LIID-{0001}
Policy Holder Name	Look up (Policy Holder)		Yes	
Agent ID	Look Up (Agent)		Yes	
Premium Amount	Amount		Yes	
No. of Terms	Number		Yes	
Premium Type	Picklist		Yes	Monthly/Quarterly /Half-Yearly/Yearly
Premium Start Date	Date			
Premium End Date	Date			
Due Date	Date			Formula Depends on Premium Type
Total Paid Amount	Formula (Currency)			Sum of Payments(From Child Object)

Motor Insurance Object & Fields

FIELD NAME	DATATYPE	PICKLIST VALUES	MANDATORY	REMARKS
Policy ID	AutoNumber		Yes	MIID-{0001}
Policy Holder	Look up		Yes	

Name	(Policy Holder)			
Agent ID	Look Up (Agent)		Yes	
Motor Type	Text			
Motor Color	Text			
Manufactured Year	Number			
Premium Amount	Amount		Yes	
No. of Terms	Number		Yes	
Premium Type	Picklist		Yes	Quarterly/Half-Yearly/Yearly
Premium Start Date	Date			
Premium End Date	Date			
Due Date	Date			Formula Depends on Premium Type
Total Paid Amount	Formula (Currency)			Sum of Payments(From Child Object)

Payment Object & Fields

FIELD NAME	DATATYPE	PICKLIST VALUES	MANDATORY	REMARKS
	Text		Yes	
Payment ID	AutoNumber			PID-{0001}
Life	Look up			Select Either

Insurance				Life Insurance or Motor Insurance
Motor Insurance	Look up			Select Either Life Insurance or Motor Insurance
Premium Amount	Currency			
Paid Date	Date			

Implementation

Page-1 (Home)
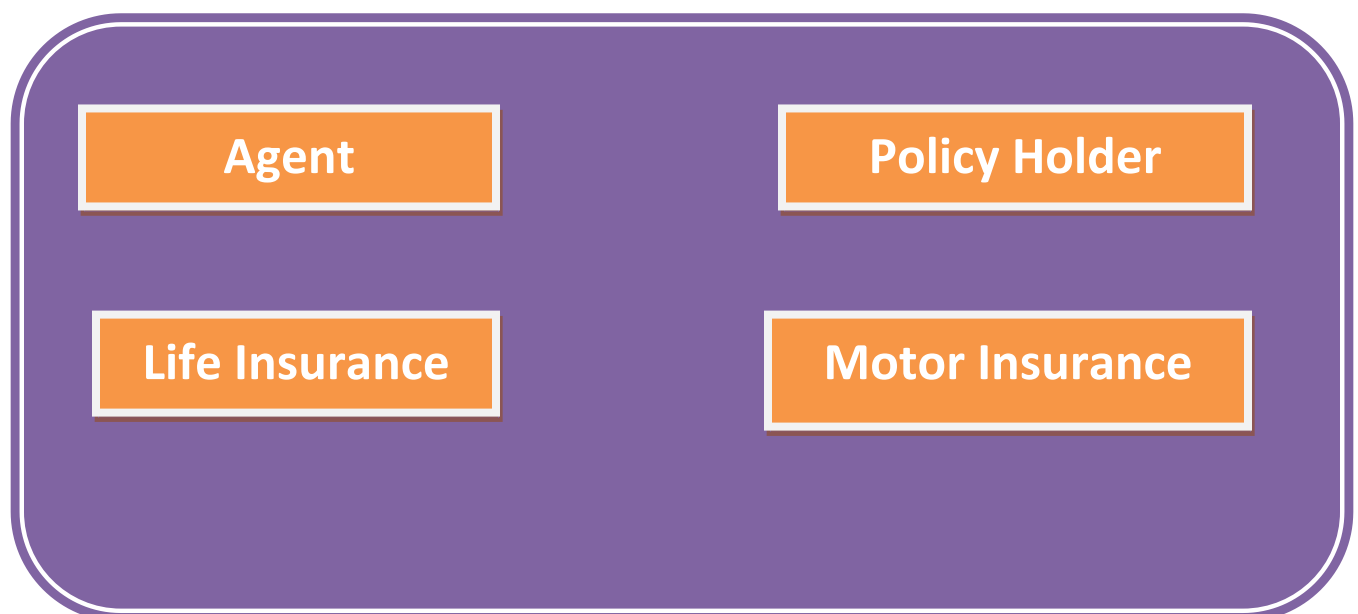
Page-2 (Agent)

Add Agent

View Agent

Name

DOB

Gender

Phone

Email

Reg. Date

Address

SAVE

SAVE & NEW

CANCEL

Page-3 (View Agent)

Name   Ravi Prakash

Agent ID   AID-2456

DOB   12/09/1985

Gender   Male

Phone   +91-98765412

Email   ravi@gmail.com

Reg. Date   05/01/2016

Address   Banjara Hills,

             Hyderabad

| EDIT | DELETE |

➤ Same above step for Policy Holder, Life Insurance and Motor Insurance

Page-4 (Policy Holder)

Enter Policy Holder ID

SUBMIT

Policy ID	Policy Type	Premium Amount	Due Date
LIID-5689	Life Insurance	1000	15/05/2015
MID-7896	Motor Insurance	1500	05/08/2015

➢ Send an Email to customer before 10 days of due date and if he/she not payment before 5 days also send a one more mail alert.

Page-5 (Payments)

Insurance Type

Insurance policy ID

Amount

Date

| SUBMIT | SUBMIT && ANOTHER PAYMENT |

| CANCEL |

Conclusion:

In the present situation where the technology is the buzzword and has revolutionized the way we work and live, we would be the losers if we do not keep up with the changing world. Moreover, it makes a world of difference and a whole of sense to break-up from the age old work culture and embrace the effective, cost, and time saving ways of looking and working at things.

This is precisely where the Online Insurance supports and improves many of the core functionality of the insurance organization i.e. insurance project helps in quick easy monitoring of the reports that have been automatically generated as and when the admin and policy agent performs transactions in the system. Using such a system helps the organization in minimizing the time consumed in fulfilling the day-to-day functionality's and cutting down the expenses incurred on the same.